

FORM PTO-147 (Rev. 4/92) Department of Commerce  
Patent and Trademark OfficeINFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.

JEL 30657

SERIAL NO.

09/231,833

New Patent Application

APPLICANT

Chiung-Shien WU

FILING DATE

January 15, 1999

GROUP

2664

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
WCS	5 6 3 8 3 7 1	6/1997	Raychaudhuri, et al.			
WCS	5 3 9 4 3 9 1	2/1995	Chen, et al.			
WCS	5 5 8 1 5 4 7	12/1996	Umeda, et al.			
WCS	4 8 4 1 5 2 7	6/1989	Raychaudhuri, et al.			
WCS	5 6 7 3 2 5 9	9/1997	Quick, Jr.			
WCS	5 7 4 8 1 0 4	5/1998	Argyroudis, et al.			

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

WCS	✓	D. Raychaudhuri and N.D. Wilson, "ATM-Based Transport Architecture for Multiservices
↓		Wireless Personal Communication Networks," IEEE Journal on Selected Areas in
↓		Communications, Vol. 12, No. 8, Oct. 1994, pp 1401-1414
WCS	✓	W. Yue, "The Effect of Capture on Performance of Multichannel Slotted ALOHA Systems," IEEE
↓		Transactions on Communications, Vol. 39, No. 6, June 1991, pp. 818-822
WCS	✓	A Polydoros and J. Silvester, "Slotted Random Access Spread-Spectrum Networks: An
↓		Analytical Framework," IEEE Journal on Selected Areas in Communication, Vol. SAC-5, No. 6,
↓		July 1987, pp. 989-1002
WCS	✓	D. Makrakis and K.M.S. Murthy, "Spread Slotted ALOHA Techniques for Mobile and Personal
↓		Satellite Communication Systems," IEEE Journal on Selected Areas in Communications, Vol.
↓		10, No. 6, Aug. 1992, pp. 985-1002
WCS	✓	K. Toshimitsu, T. Yamazato, M. Katayama, and A. Ogawa, "A Novel Spread Slotted ALOHA
↓		System with Channel Load Sensing Protocol," IEEE Journal on Selected Areas in
↓		Communications, Vol. 12, No. 4, May 1994, pp. 665-672
WCS	✓	Z. Zhang and Y. Liu, "Comments on 'The Effect of Capture on Performance of Multichannel
↓		Slotted ALOHA system'", IEEE Transaction on Communications, Vol. 41, No. 10, Oct. 1993,
↓		pp. 1433-1435

EXAMINER

WCS

DATE CONSIDERED

3/7/02

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449, U.S. Department of Commerce  
(Rev. 4/92) Patent and Trademark Office

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APR 15 1999

U.S. PATENT & TRADEMARK OFFICE

**U.S. PATENT DOCUMENTS**

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

OTHER DOCUMENTS (including Name, Title, Date, Format, Page, etc.)		
WCS ↓	✓	Bertsekas, et al., "Data Networks," Second Edition, Prentice-Hall International Editions, 1992 pgs. 271-293 and 304-305.
WCS ↓	✓	Andrew S. Tanenbaum, "Computer Networks," Third Edition, International Edition, 1996 pgs. 246-261.
WCS ↓	✓	Liu, et al., "Performance Analysis of DS-CDMA with Slotted ALOHA Random Access for Packet PCNs," ACM/Baltzer Wireless Networks, vol. 1, No. 1, February 1995, pgs. 1-16.
WCS ↓	✓	ETSI SMG2, "Concept Group Alpha - Wideband Direct-Sequence CDMA (WCDMA) EVALUATION DOCUMENT (3.0) (DRAFT 1.0) Part 1: System Description Performance Evaluation," UMTS Terrestrial Radio Access (UTRA), draft document, October 1997, pgs. 1-53.

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3/7/02

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